

AL1-LED

LED Area Light



The AL-LED fixtures are high efficiency area lights with multiple beam patterns to suit a variety of applications. Intelligently designed, series of fixture provides superior lighting performance and significant energy savings over traditional fixtures.

IDEAL APPLICATIONS

- ✓ Roadways
- ✓ Parking Lots
- ✓ Perimeter Lighting

SPECIFICATIONS

	AL1-LED60	AL1-LED90	AL1-LED120
PERFORMANCE			
Watts	65.85W	97.14W	117.8W
Lumens	7845lm	11564 lm	14717 lm
Efficacy	119.13lm/W	119.01lm/W	124.93 lm/W
Voltage	120-277V, 347V		
Colour Temp	3000K, 4000K, 5000K		
CRI	71.5	71.7	72
Dimming	0-10V Dimming (5%-100%)		
THD	5.89%	5.84%	14.90%
PF	0.99	0.99	0.95
Beam Distribution	T2,T3,T4,T5		
LED Life (L80)	>72,000 hours		
Surge Protector	4kV (driver surge protection) and 10kV additional surge suppression		
Housing Finish	Bronze, Custom Colours		
Housing Details	Die Cast Aluminum		
Mounting (Sold Separately)	Slip Fitter, Wall mount Bracket, Arm for Round pole, Arm for Square pole		
Operating Temp.	-40°C to +40°C (-40°F to 104°F)		
FACTORY INSTALLED OPTIONS			
Photocontrol			
CERTIFICATIONS			
UL, 5 Year Warranty, Wet Locations, DLC			

Spec Shown are for 5000K, 120V
 Note: 3000K is not DLC listed



ORDERING GUIDE

AL1						DIM	
Fixture	Wattage	Voltage	Colour Temp.	Beam Distribution	Finish	Dimming	Options
	LED60	B - 120-277V*	5K - 5000K*	T2 - Type 2	BRZ - Bronze *	DIM - 0-10V Dimming	PC - Photocell
	LED90	C - 347V	4K - 4000K	T3 - Type 3	CC - Custom Colour		
	LED120		3K - 3000K	T4 - Type 4			
				T5 - Type 5			

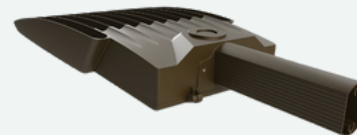
*Standard Configuration

MOUNTING SOLD SEPARATELY

SLIP FITTER MOUNT



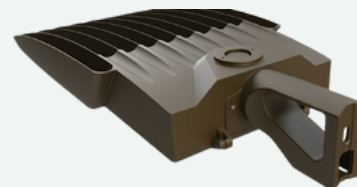
ARM FOR SQUARE POLE



WALL MOUNT BRACKET



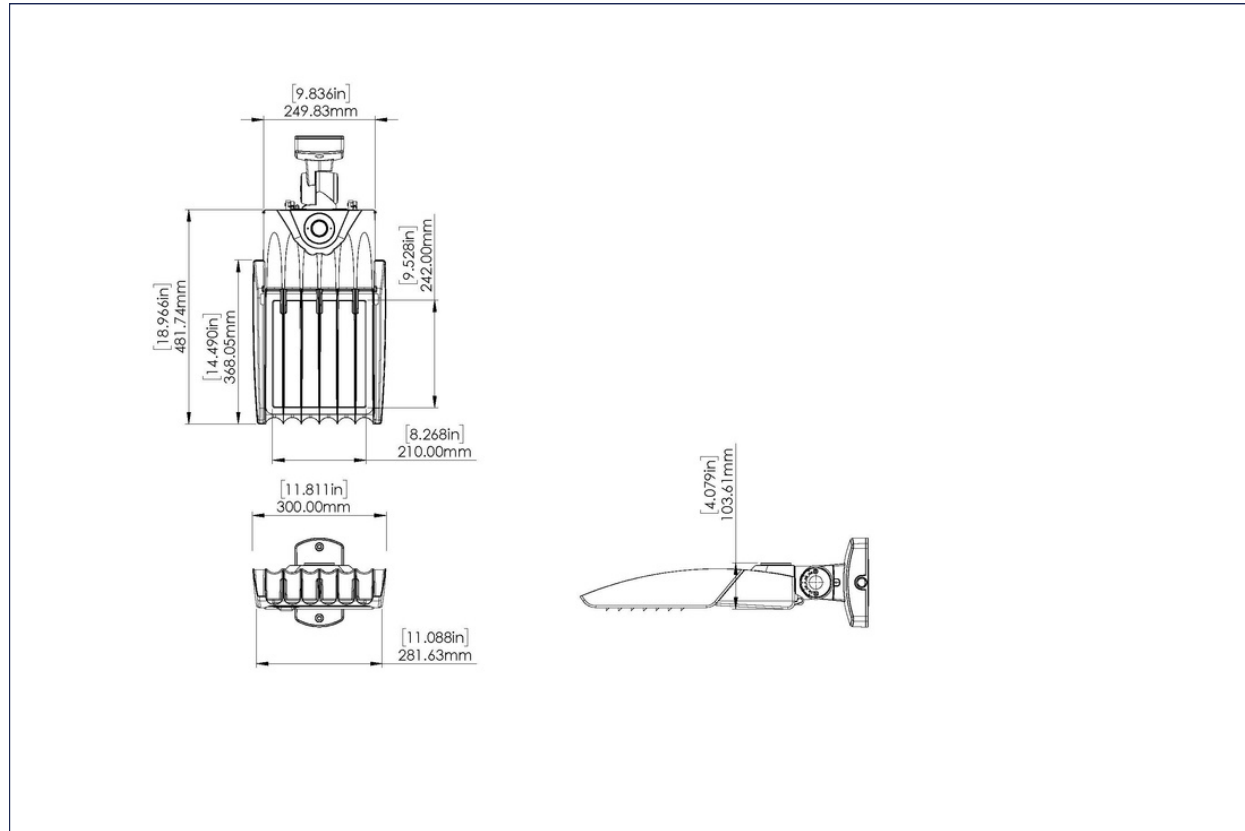
ARM FOR ROUND POLE



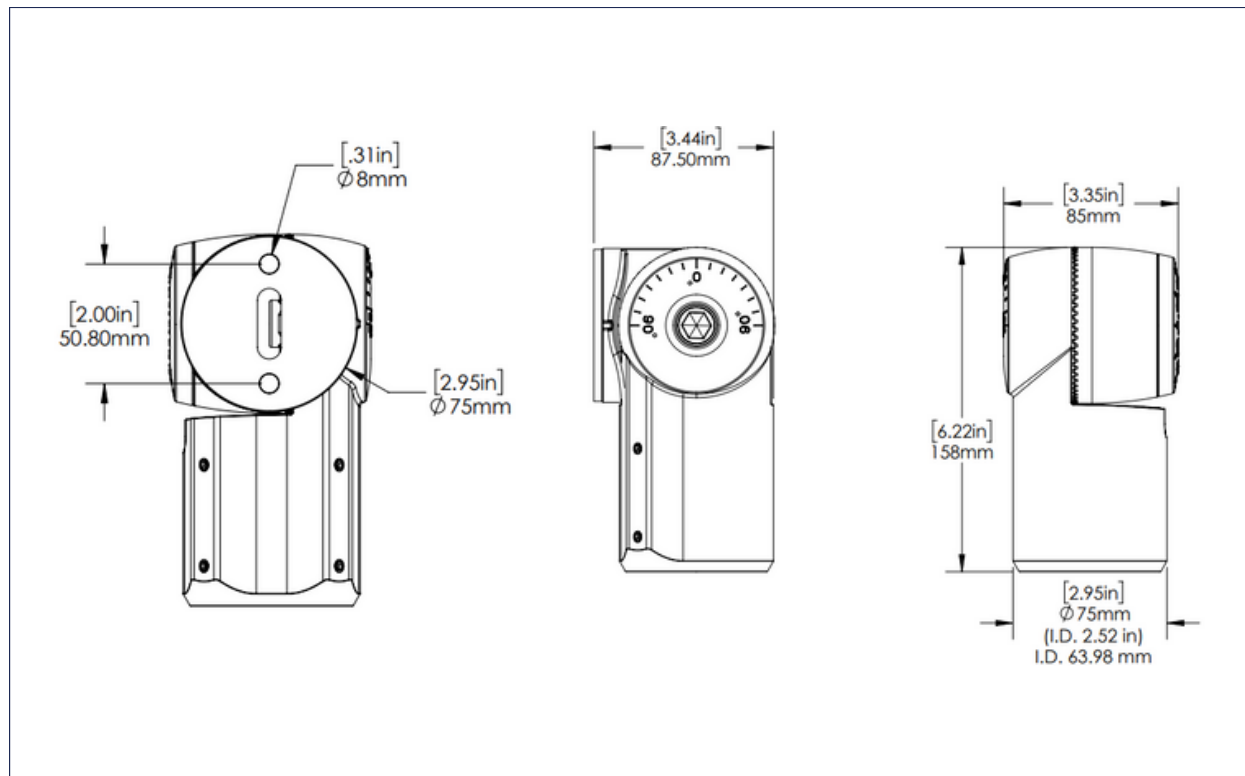
AMPERAGE DRAW & SURGE PROTECTION								
CURRENT (A)							INTERNAL SURGE PROTECTION (kV)	
	Watts	120V	208V	240V	277V	347V	120-277V	347V
AL1-LED60	65.85	0.576	0.332	0.288	0.250	0.199	10kV	10kV
AL1-LED90	97.14	0.850	0.490	0.425	0.368	0.294	10kV	10kV
AL1-LED120	117.8	1.031	0.595	0.515	0.447	0.356	10kV	10kV

TM-21 ESTIMATED LUMEN MAINTENANCE			
	50,000 Hours	75,000 Hours	100,000 Hours
AL1-LED	87.8%	83.0%	78.5%

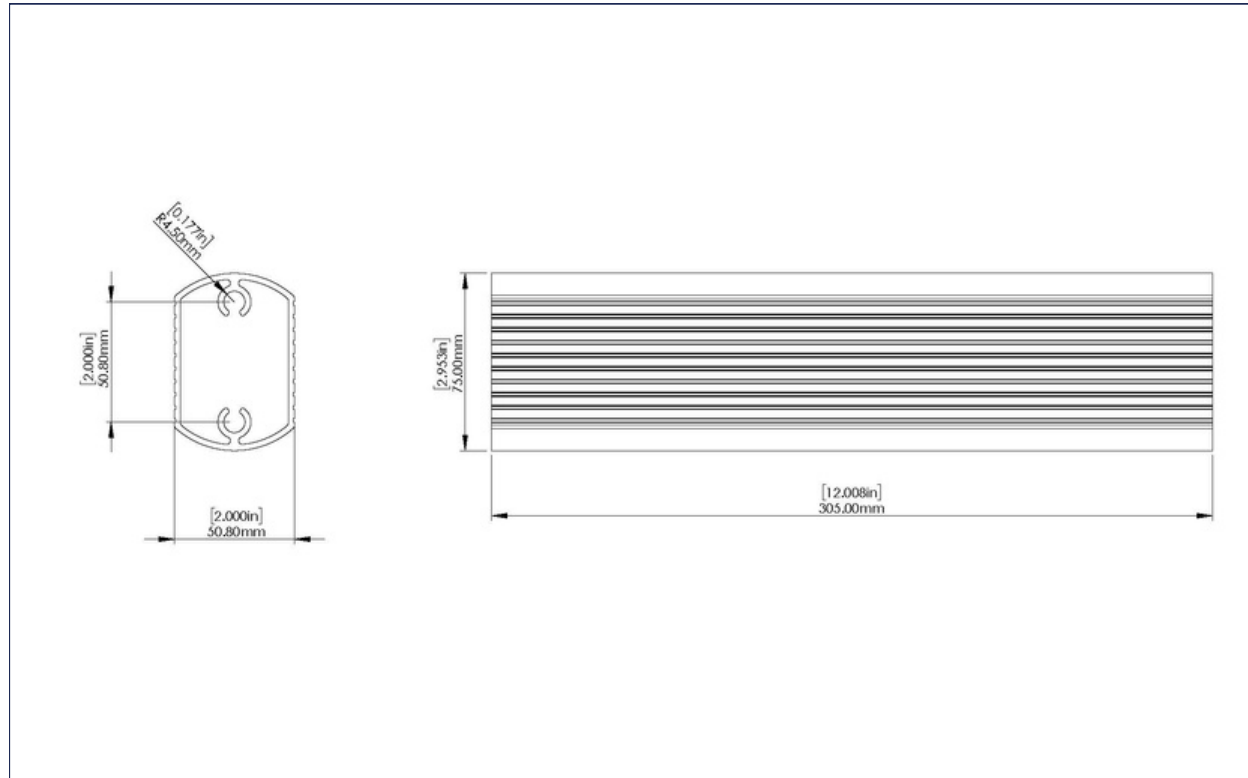
DIMENSIONS



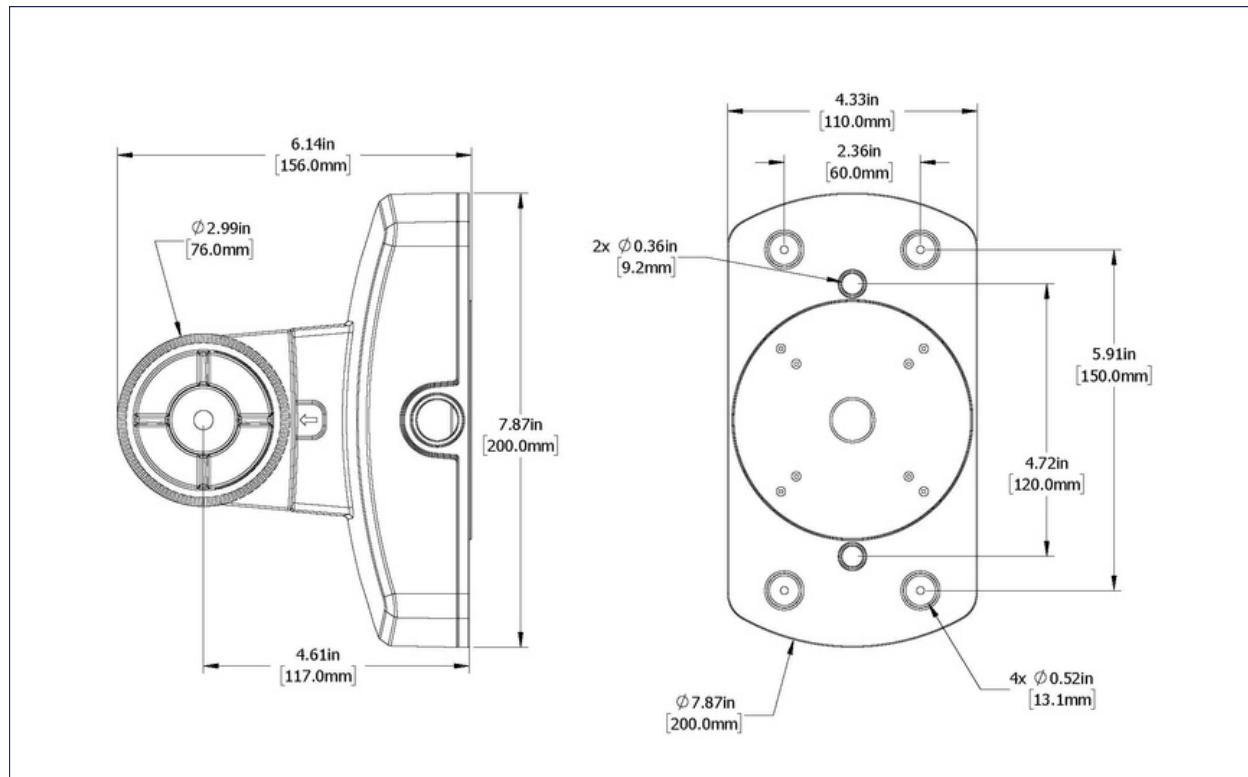
SLIPFITTER MOUNT



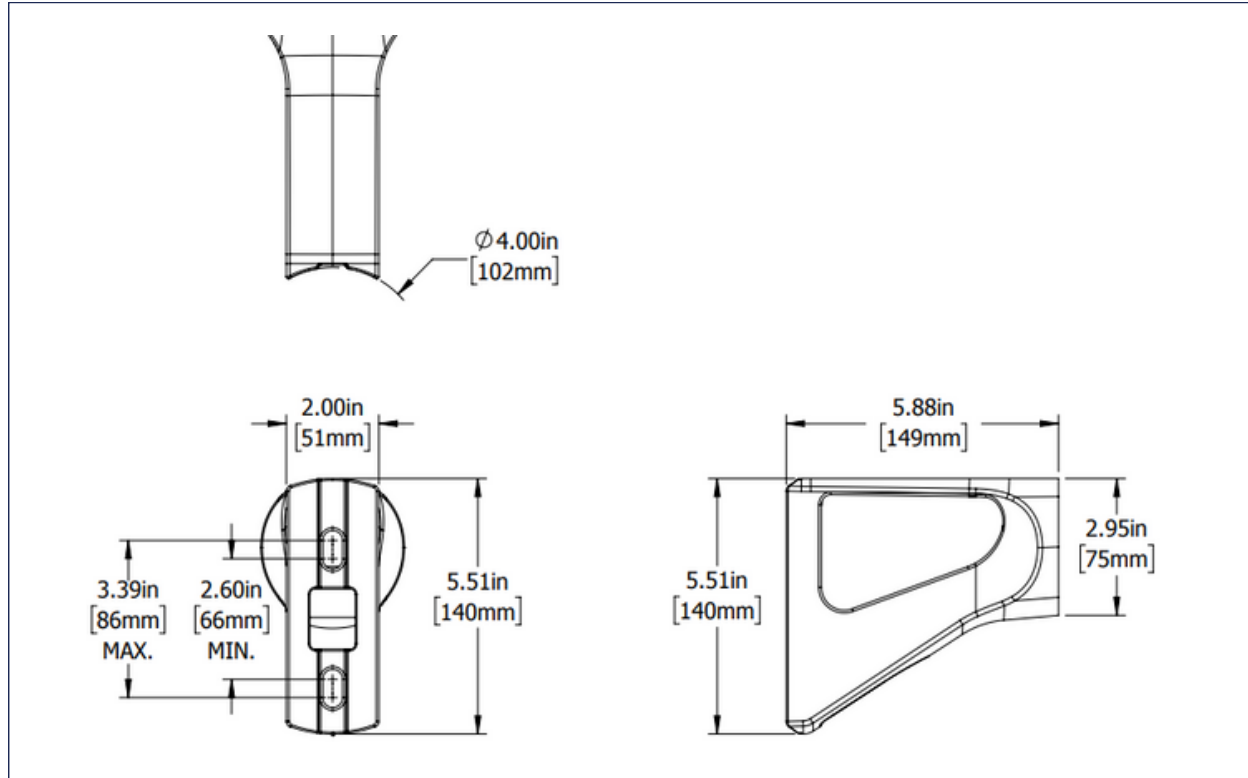
ARM FOR SQUARE POLE



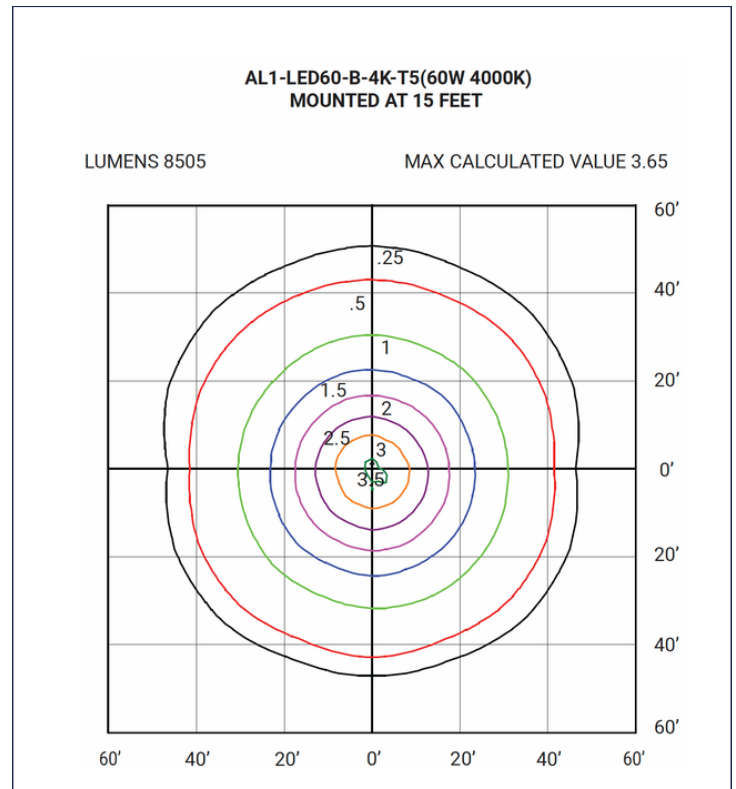
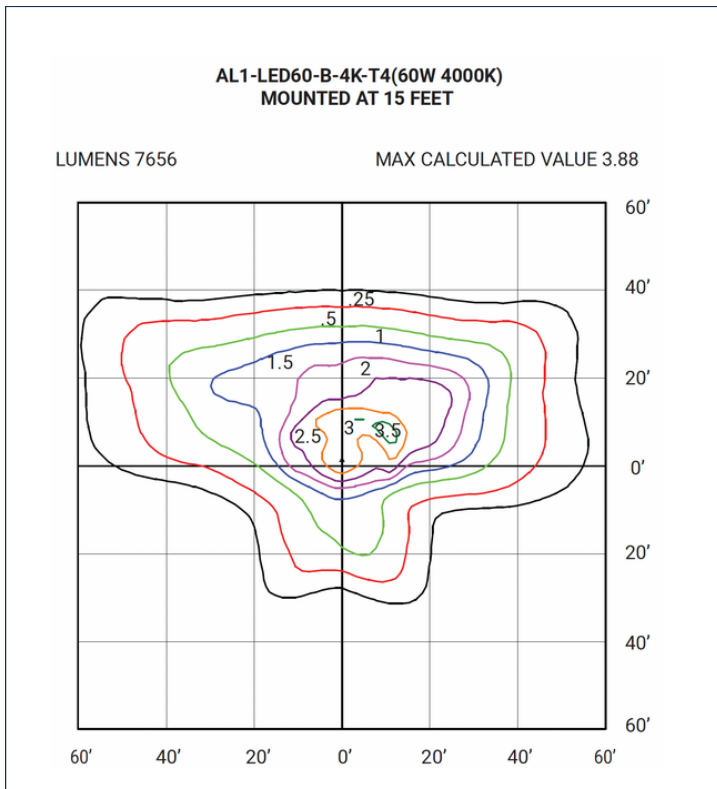
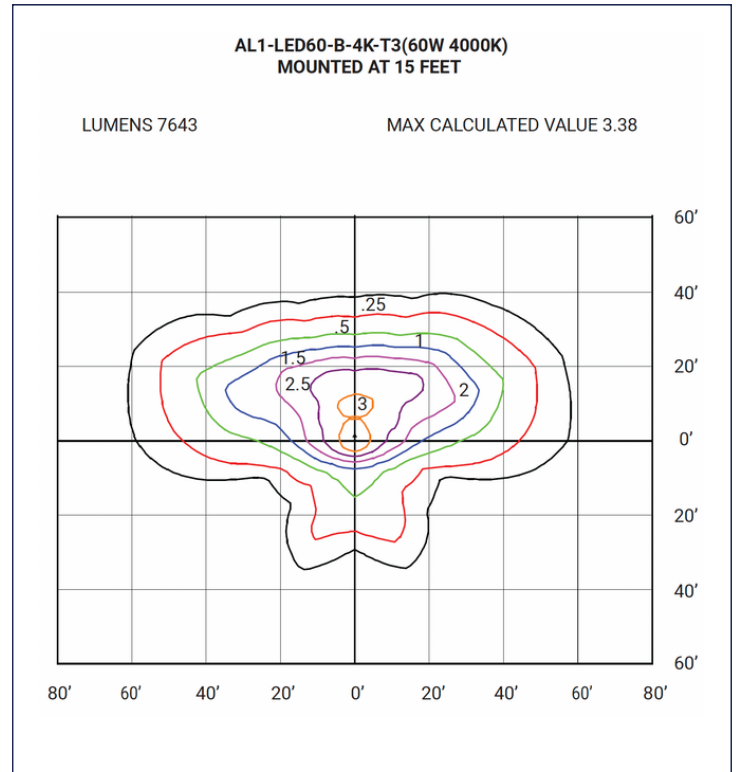
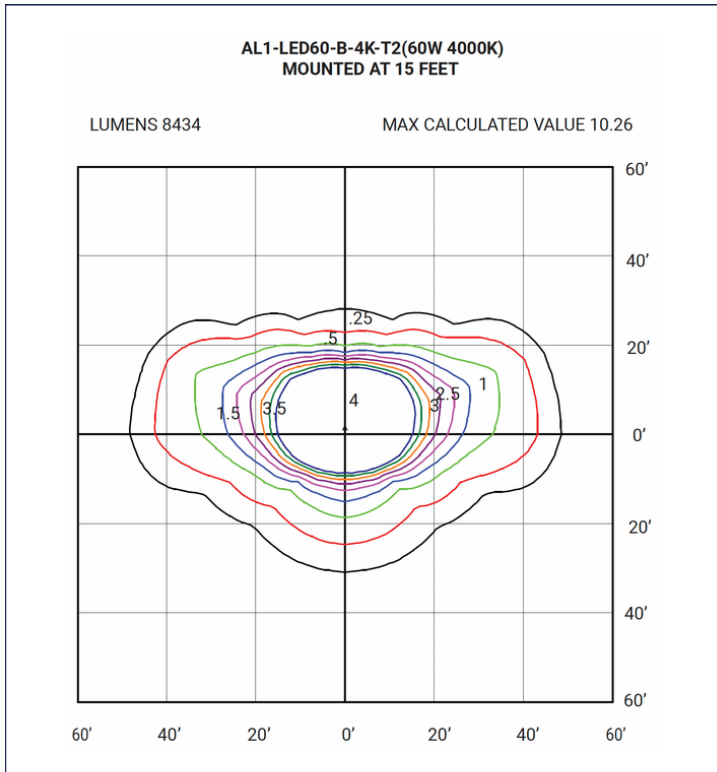
WALL MOUNT BRACKET



ARM FOR ROUND POLE



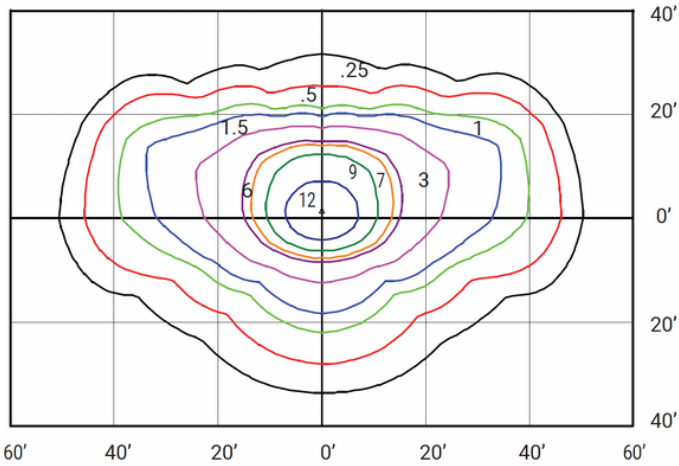
PHOTOMETRIC PLOTS



**AL1-LED90-B-4K-T2(90W 4000K)
MOUNTED AT 15 FEET**

LUMENS 12358

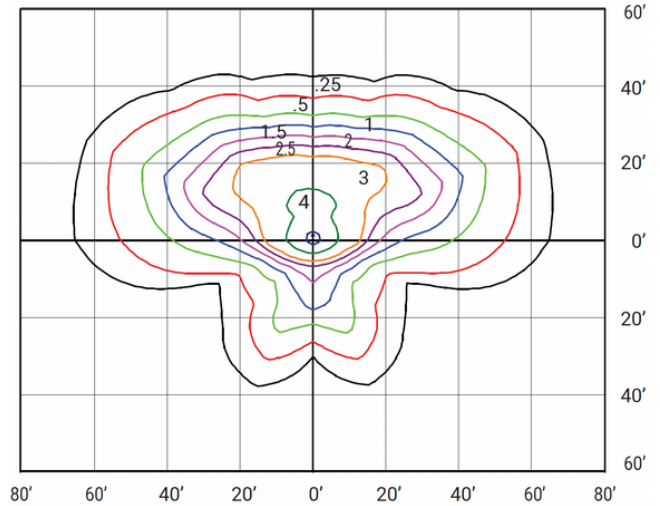
MAX CALCULATED VALUE 15.09



**AL1-LED90-B-4K-T3(90W 4000K)
MOUNTED AT 15 FEET**

LUMENS 11389

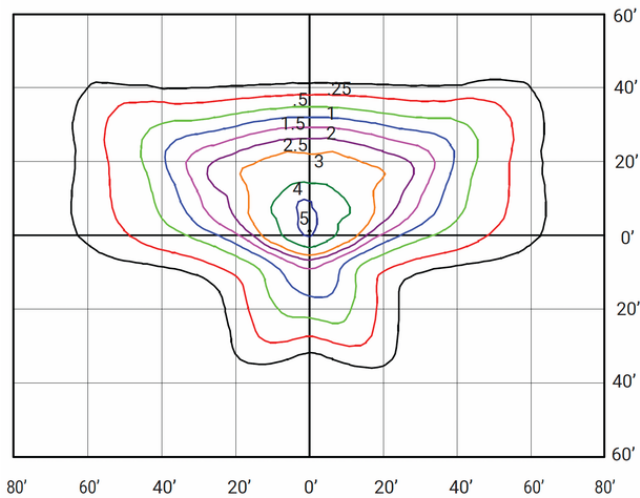
MAX CALCULATED VALUE 5.21



**AL1-LED90-B-4K-T4-DIM(90W 4000K)
MOUNTED AT 15 FEET**

LUMENS 11378

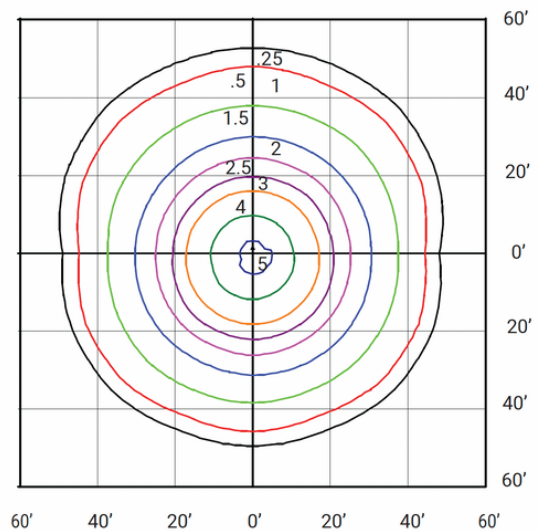
MAX CALCULATED VALUE 5.21



**AL1-LED90-B-4K-T5-DIM(90W 4000K)
MOUNTED AT 15 FEET**

LUMENS 12485

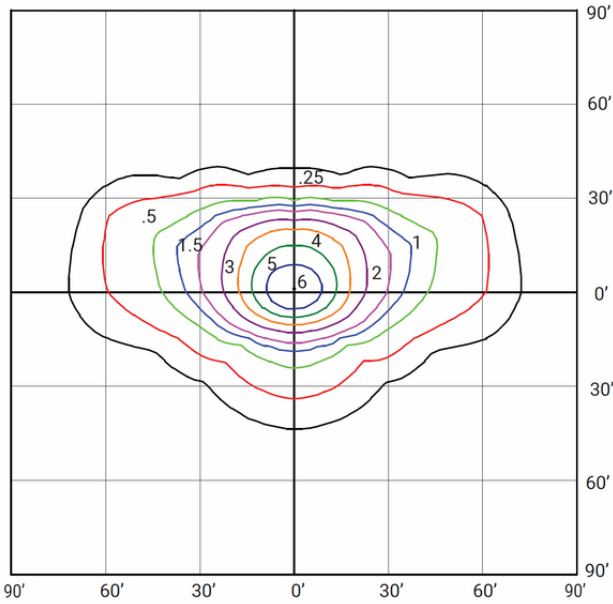
MAX CALCULATED VALUE 5.3



AL1-LED120-B-4K-T2-DIM(120W 4000K)
MOUNTED AT 24 FEET

LUMENS 14551

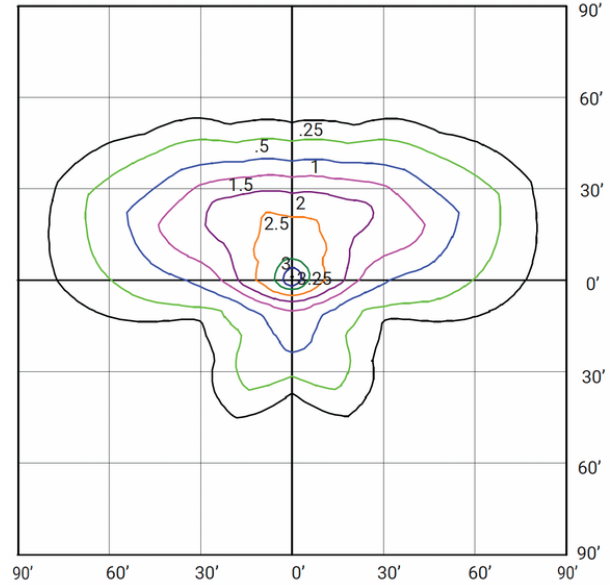
MAX CALCULATED VALUE 6.95



AL1-LED120-B-4K-T3-DIM(120W 4000K)
MOUNTED AT 20 FEET

LUMENS 13331

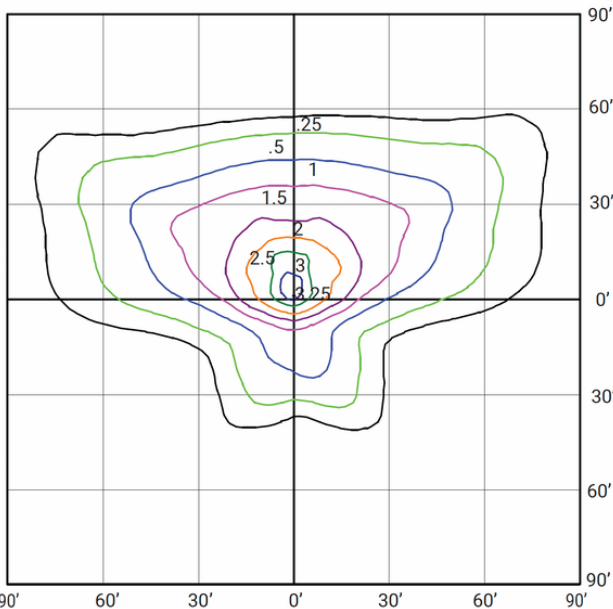
MAX CALCULATED VALUE 3.44



AL1-LED120-B-4K-T4-DIM(120W 4000K)
MOUNTED AT 20 FEET

LUMENS 13482

MAX CALCULATED VALUE 3.37



AL1-LED120-B-4K-T5-DIM(120W 4000K)
MOUNTED AT 20 FEET

LUMENS 14677

MAX CALCULATED VALUE 3.51

